

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035251.D
 Acq On : 18 Oct 2019 08:00
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 13:54:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 13:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	341971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	334755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	127664	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	102786	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.93	69	94994	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.60	63	139612	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.71	46	300923	50.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	5.11	84	185845	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.75	65	107013	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.77	84	386162	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.74	67	122502	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	349847	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.22	79	52538	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.70	63	251830	48.41	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	103184	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	115527	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

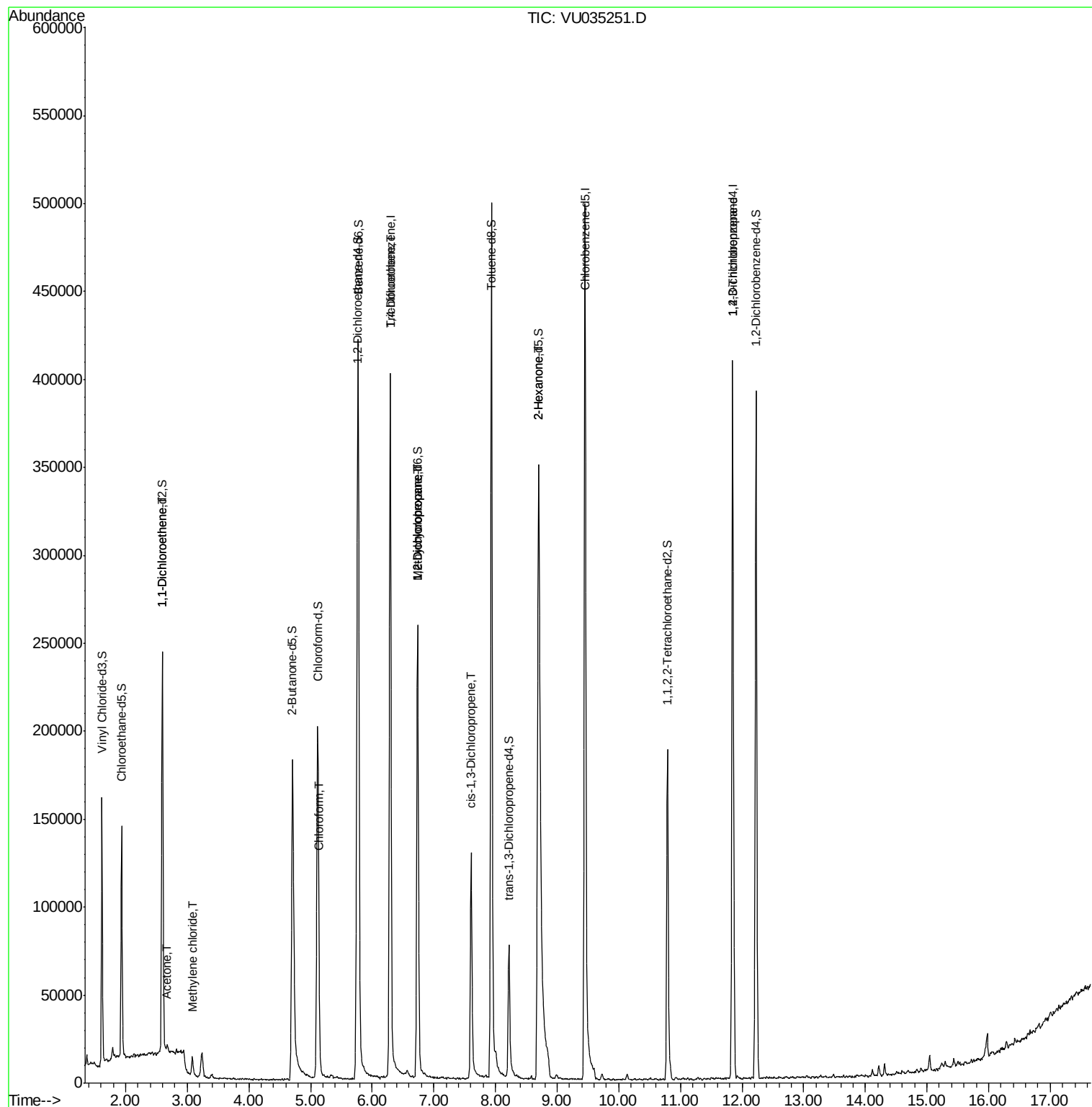
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1487	0.068	ug/L #	1
13) Acetone	2.67	43	3691	0.886	ug/L	94
16) Methylene chloride	3.09	84	4974	0.188	ug/L	87
25) Chloroform	5.14	83	10659	0.227	ug/L	96
34) Trichloroethene	6.29	95	6125	0.231	ug/L #	3
35) Methylcyclohexane	6.74	83	28860	0.652	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	14298	0.572	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3590	0.086	ug/L #	23
48) 2-Hexanone	8.71	43	35692	3.015	ug/L #	56
59) 1,2,3-Trichloropropane	11.85	75	15784	0.906	ug/L	96

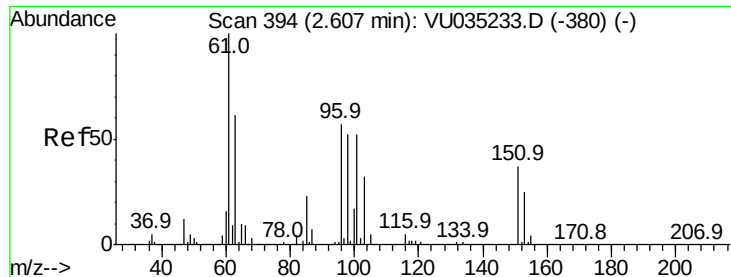
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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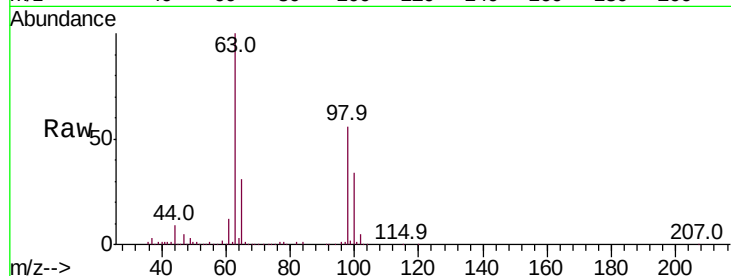




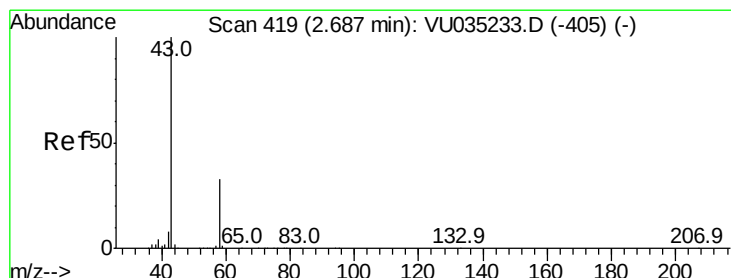
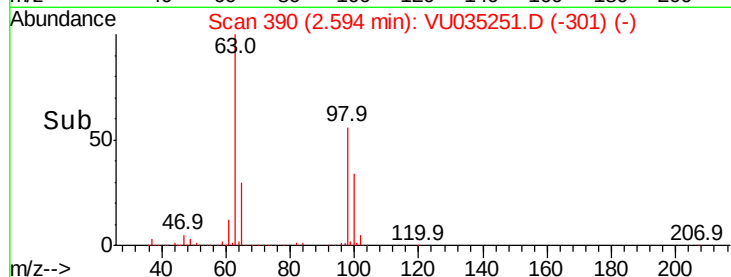
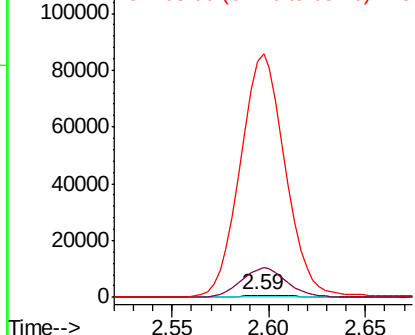
#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU035251.D
 Acq: 18 Oct 2019 08:00

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 1487
 Ion Ratio Lower Upper
 96 100
 61 1346.6 120.6 224.0#
 63 11466.7 86.8 161.2#

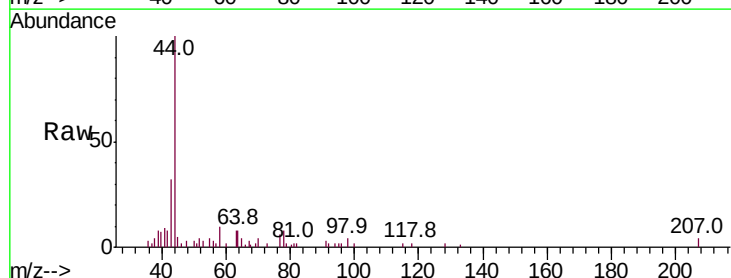


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

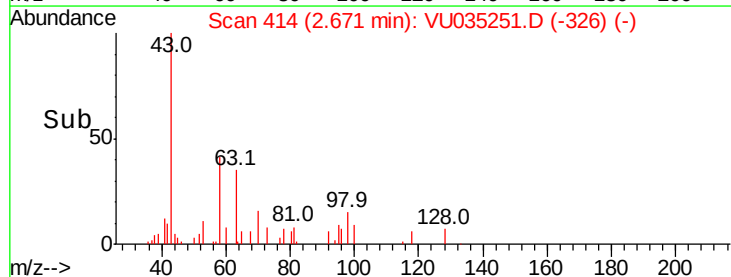
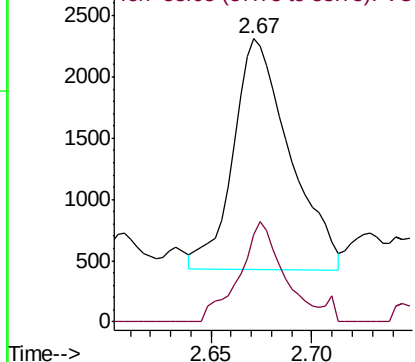


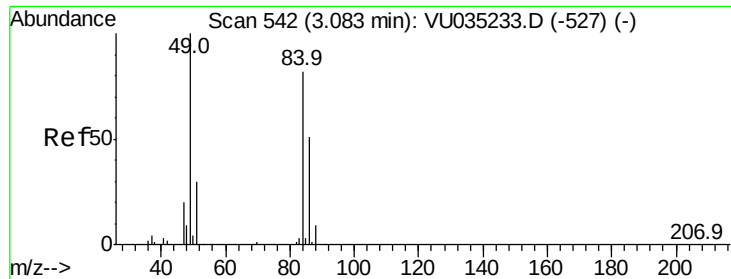
#13
 Acetone
 Concen: 0.886 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.02 min
 Lab File: VU035251.D
 Acq: 18 Oct 2019 08:00

Tgt Ion: 43 Resp: 3691
 Ion Ratio Lower Upper
 43 100
 58 34.0 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

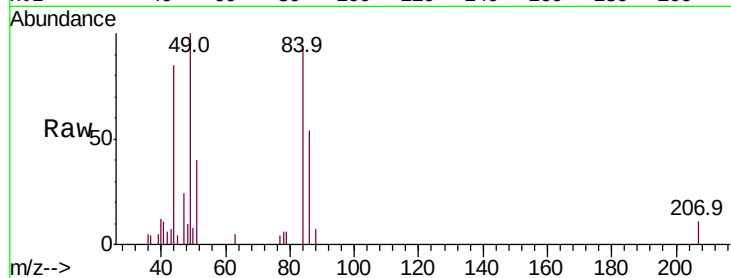




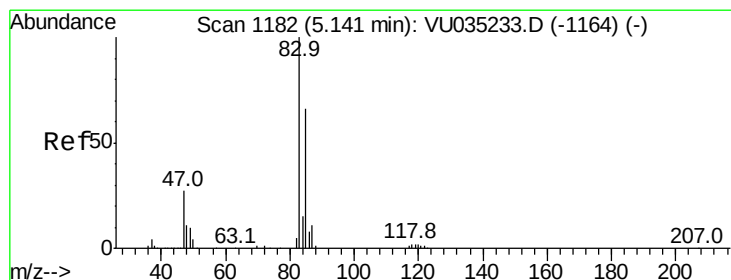
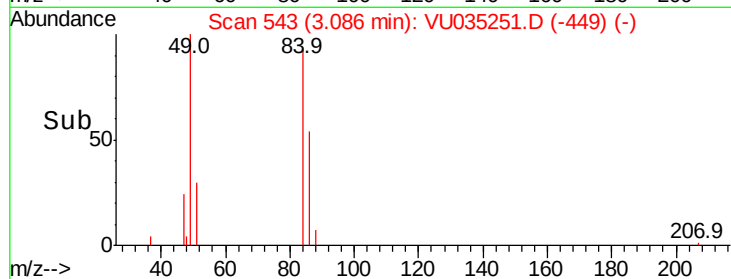
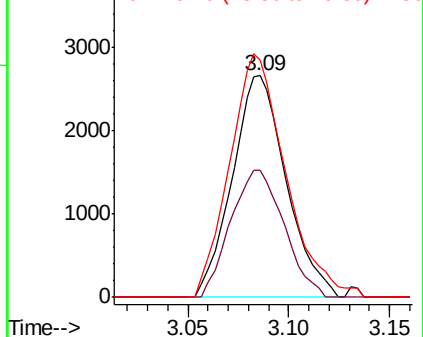
#16
Methylene chloride
Concen: 0.188 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: VU035251.D
Acq: 18 Oct 2019 08:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 4974
Ion Ratio Lower Upper
84 100
86 57.4 45.4 84.2
49 107.1 86.8 161.2

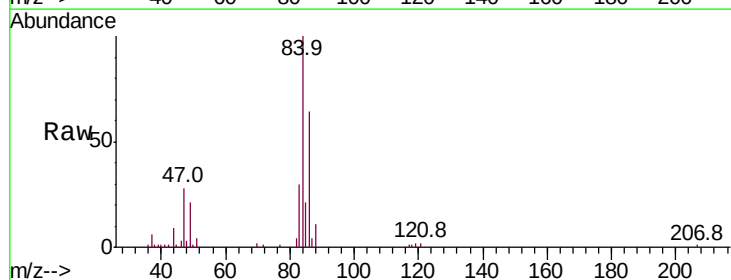


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

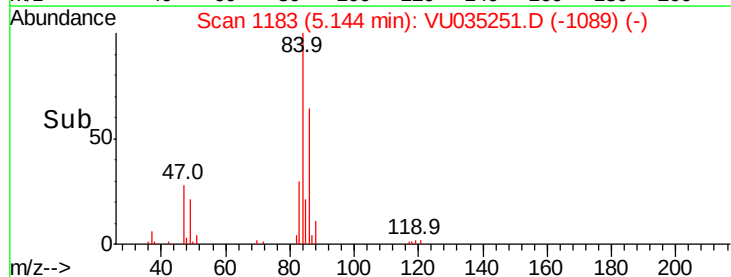
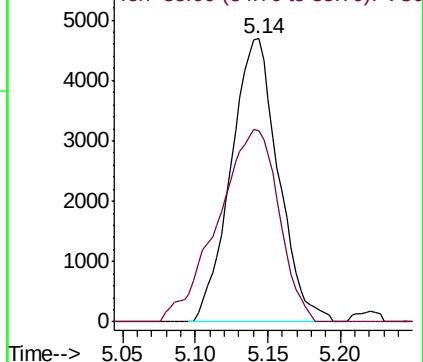


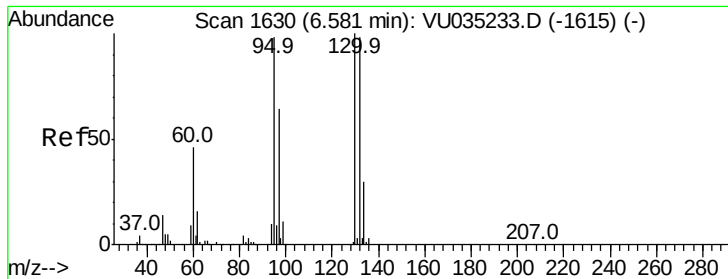
#25
Chloroform
Concen: 0.227 ug/L
RT: 5.14 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU035251.D
Acq: 18 Oct 2019 08:00

Tgt Ion: 83 Resp: 10659
Ion Ratio Lower Upper
83 100
85 67.6 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

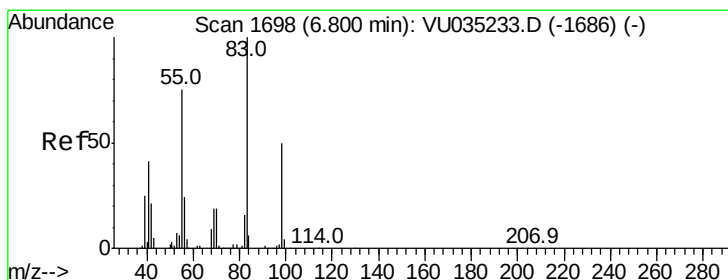
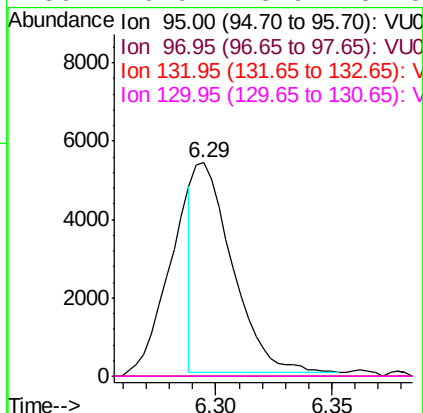
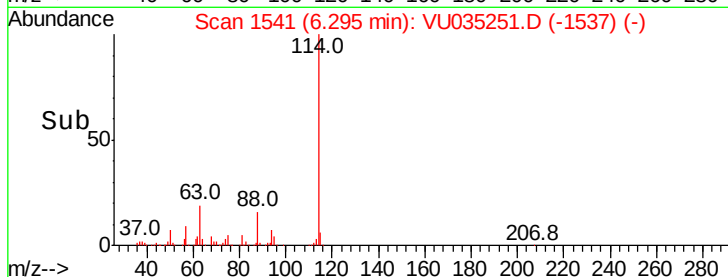
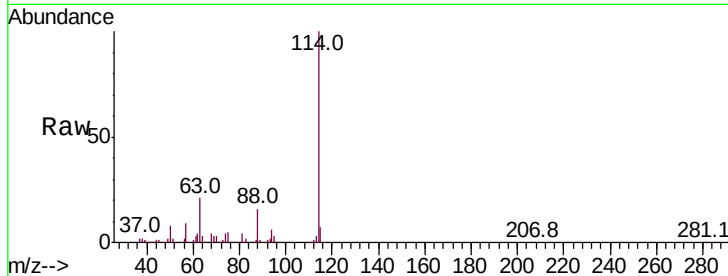




#34
 Trichloroethene
 Concen: 0.231 ug/L
 RT: 6.29 min Scan# 1541
 Delta R.T. -0.29 min
 Lab File: VU035251.D
 Acq: 18 Oct 2019 08:00

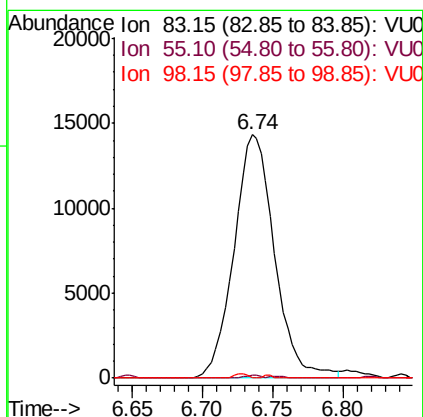
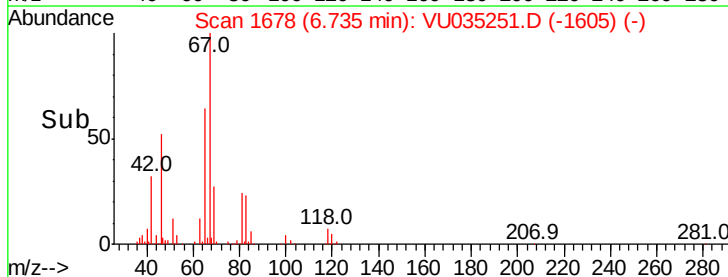
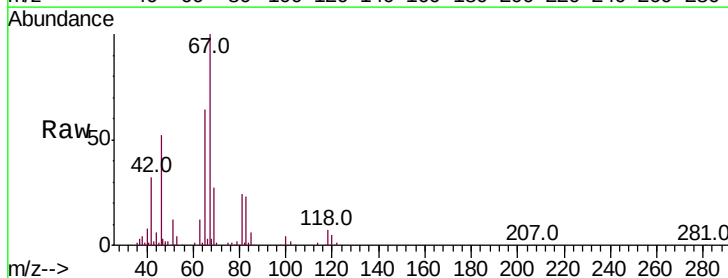
Instrument :
 MSVOA_U
 ClientSampleId :

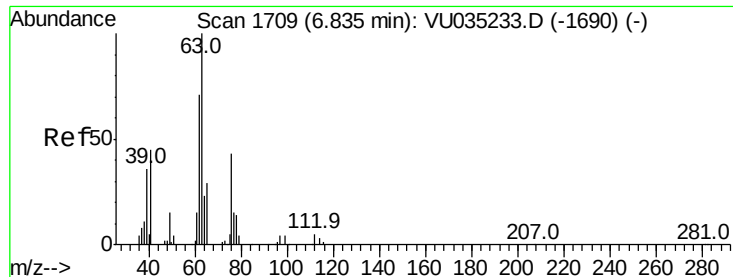
Tot Ion: 95 Resp: 6125
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.6 86.6#
 132 0.0 68.7 127.7#
 130 0.0 73.9 137.3#



#35
 Methylcyclohexane
 Concen: 0.652 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.06 min
 Lab File: VU035251.D
 Acq: 18 Oct 2019 08:00

Tgt Ion: 83 Resp: 28860
 Ion Ratio Lower Upper
 83 100
 55 0.4 60.4 90.6#
 98 0.6 39.5 59.3#

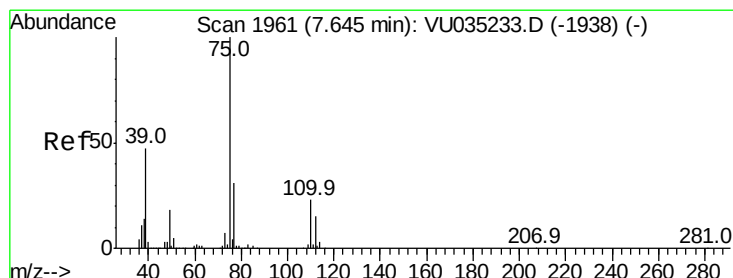
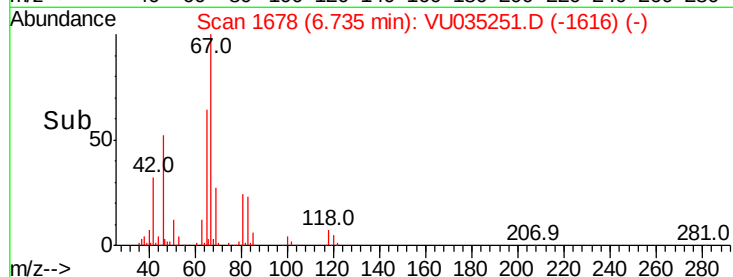
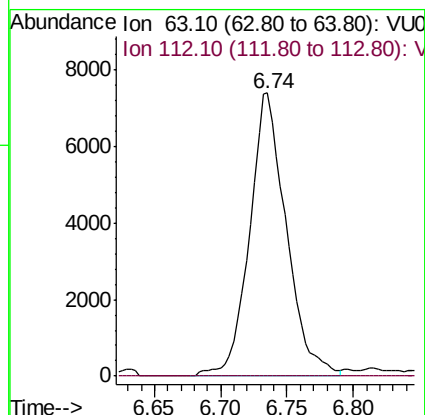
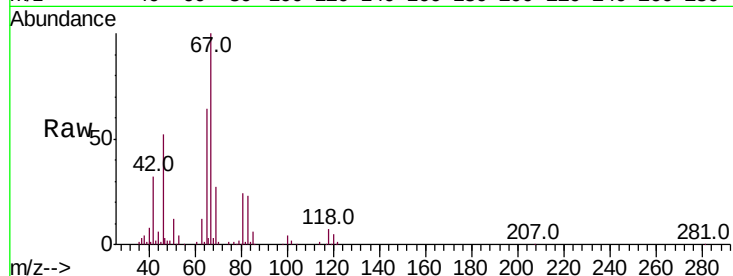




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035251.D
 Acq: 18 Oct 2019 08:00

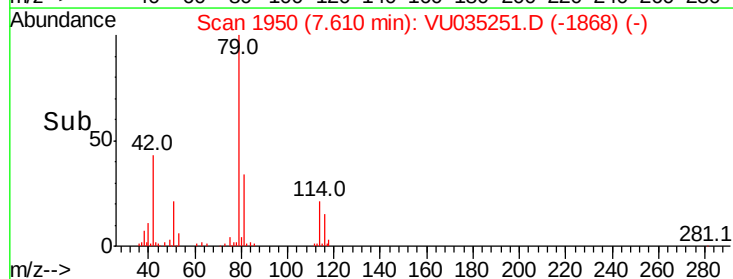
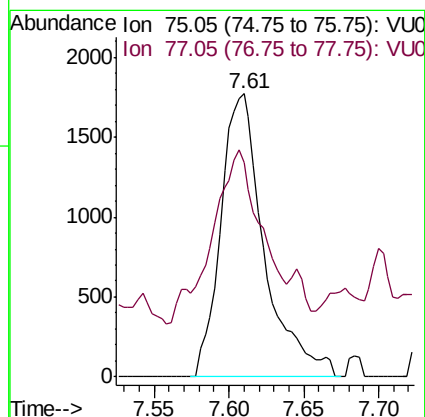
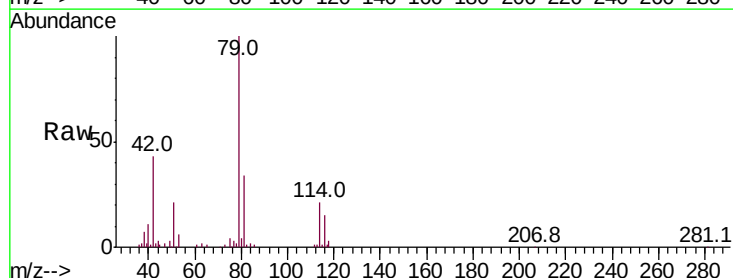
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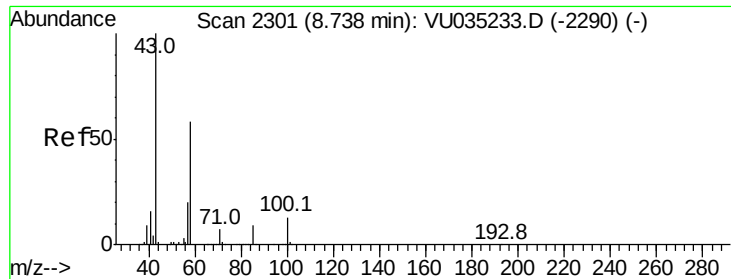
Tot Ion: 63 Resp: 14298
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.04 min
 Lab File: VU035251.D
 Acq: 18 Oct 2019 08:00

Tgt Ion: 75 Resp: 3590
 Ion Ratio Lower Upper
 75 100
 77 75.5 22.7 42.1#

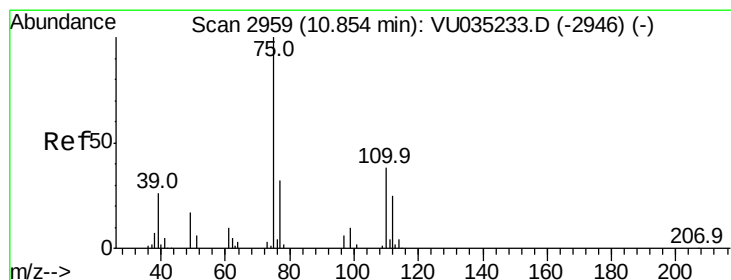
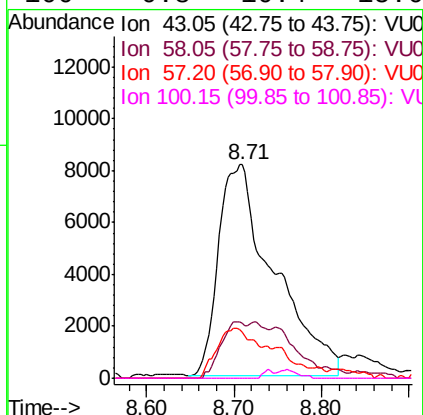
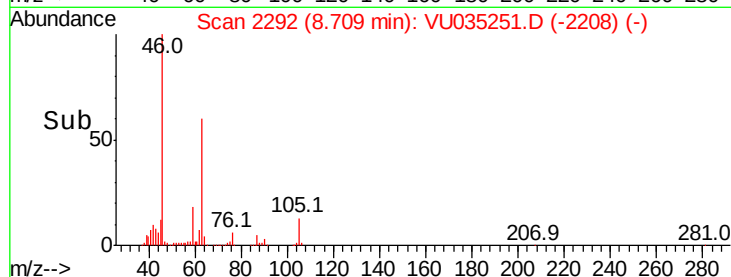
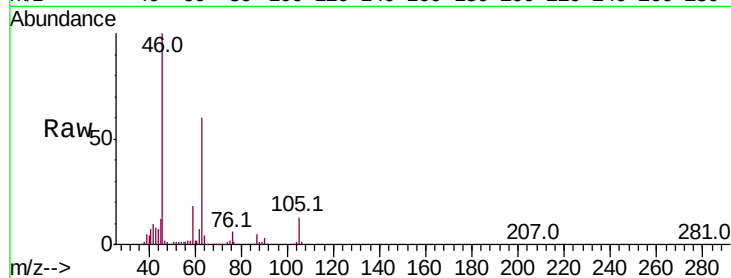




#48
2-Hexanone
Concen: 3.015 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.03 min
Lab File: VU035251.D
Acq: 18 Oct 2019 08:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 35692
Ion Ratio Lower Upper
43 100
58 12.6 45.1 67.7#
57 16.1 16.0 24.0
100 0.8 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.906 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035251.D
Acq: 18 Oct 2019 08:00

Tgt Ion: 75 Resp: 15784
Ion Ratio Lower Upper
75 100
77 35.1 26.2 39.2

